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(58) Field of Search

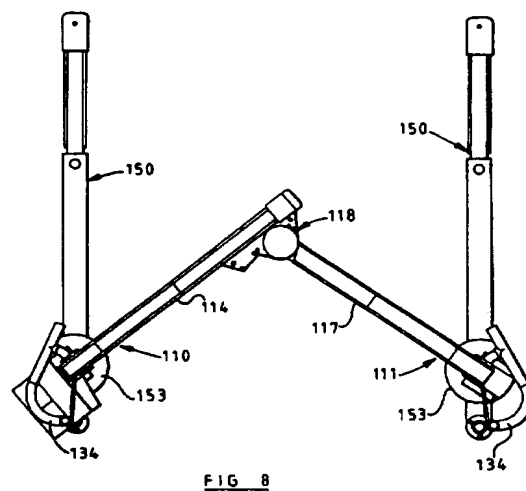
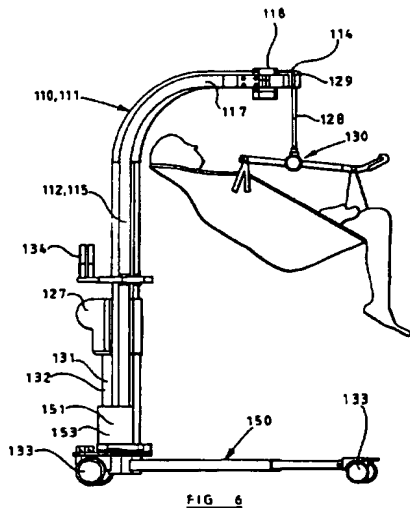
UK CL (Edition O ) B8H HAY HCB HEX , B8L LB

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ONLINE : WPI

## (54) Invalid Lifting Device

(57) An invalid lifting device comprises two support members 110, 111 or (10 and 11, Figs. 3 and 4), each having at least one vertical or substantially vertical leg 112, 115 (12, 13, 15, 16) and a cross arm 114, 117 (14, 17) which connects the legs adjacent their upper ends. The cross arms 114, 117 (14, 17) are pivoted relative to one another about a vertical axis so that the support members 110, 111 (10, 11) can be angularly displaced by drive means 118 (18) for storage purposes. The lifting device can pass through a doorway of standard width whilst carrying a patient and is also able to straddle a standard bed when in an extended condition. Sensor means are supplied as a safety feature to prevent excessive angular displacement of the support members when carrying a load. A hoist is provided comprising a power operated winch 127 (26), a flexible elongate tape 128 (28), and a sling support 130 (30) connected to the free end of the tape 128 (28) for raising or lowering the patient. Each leg 112, 115 (12, 13, 15, 16) has a wheel or castor 133 (33) at its lower end for movement and braking means are provided in the form of extendable feet for engagement with the floor.



At least one drawing originally filed was informal and the print reproduced here is taken from a later filed formal copy.

The claims were filed later than the filing date within the period prescribed by Rule 25(1) of the Patents Rules 1995

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